

Amendments to the Claims:

1 (currently amended): A tangible computer-readable medium, comprising:
a first component for interpreting a word-processor document stored as an XML file; and
a second component that is configured to perform actions, including: for placing:

placing a first XML element that includes an opening tag and an ending tag that is placed before the beginning of an XML element that contains a spelling error and placing a second XML element that includes an opening tag and an ending tag that is placed after the XML element that contains the spelling error; wherein the first XML element includes an identifier indicating that it represents the beginning of the spelling error and wherein the second XML element includes an identifier indicating that it represents the end of the spelling error; wherein the first XML element and the second XML element do not include child elements and do not include content; wherein placement of the first XML element and the second XML element within the XML file do not affect the well formedness of the XML file; and

placing a third XML element that includes an opening tag and an ending tag that is placed before the beginning of one or more XML elements that contain a grammar error and placing a fourth XML element that includes an opening tag and an ending tag that is placed after the one or more XML elements that contain the grammar error; wherein the third XML element includes an identifier indicating that it represents the beginning of the grammar error and wherein the fourth XML element includes an identifier indicating that it represents the end of the grammar error; wherein the third XML element and the fourth XML element do not include child elements and do not include content; wherein placement of the third XML element and the fourth XML element within the XML file do not affect the well formedness of the XML file.

~~a second component for placing at least one marker within the word-processor document indicating at least one type of error selected from a grammar error and a spelling error; wherein the marker is a first tag is placed before the error and that identifies the type of error; and wherein the first tag is an empty element tag that does not include content.~~

2 (currently amended): The computer-readable medium of Claim 1, further comprising a third component for placing a proof state within the word-processor document; wherein placing the proof state comprises placing a XML proof state element within the word-processor document that includes an opening tag and an ending tag; wherein the proof state element includes a spelling attribute and a grammar attribute.

3 (currently amended): The computer-readable medium of Claim 2, wherein the first XML element, the second XML element, the third XML element, and the fourth XML element are the same type of XML element. ~~1, wherein the second component for placing the at least one marker within the word processor document further comprises placing a second tag after the error that identifies the type of error; wherein the second tag is an empty element tag that does not include content.~~

4 (currently amended): The computer-readable medium of Claim 3, wherein the first XML element, the second XML element, the third XML element, and the fourth XML element include an enumeration value that is selected from a spell start enumeration value, a spell end enumeration value; a grammar start enumeration value and a grammar end enumeration value. ~~wherein placing the first tag and the second tag within the word processor document further comprises identifying the first tag as a grammar start tag and identifying the second tag as a grammar end tag when the type of error is the grammar error and identifying the first tag as a spelling start tag and identifying the second tag as a spelling end tag when the type of error is the spelling error.~~

5 (currently amended): The computer-readable medium of Claim 2, wherein the third component for placing the XML proof state element within the word-processor document, further comprises indicating when the word-processor document is in a clean state through an enumeration value that is associated with the XML proof state element.

6 (currently amended): The computer-readable medium of Claim 5, 2, wherein the third component for placing the XML proof state element within the word-processor document, further comprises placing a spelling proof state property.

7 (currently amended): The computer-readable medium of Claim 6, 2, wherein the third component for placing the XML proof state element within the word-processor document, further comprises placing a grammar proof state property.

8 (currently amended): A method for indicating errors within a word-processor document, comprising:

interpreting a word-processor document stored as an XML file;

placing a first XML element that includes an opening tag and an ending tag before the beginning of an XML element that contains an error that is selected from a grammar error and a spelling error; wherein the first XML element includes an identifier indicating that it represents the beginning of the error; wherein the first XML element does not include child elements and does not include content;

placing a second XML element that includes an opening tag and an ending tag after the XML element that contains the error; wherein the second XML element includes an identifier indicating that it represents the end of the error; wherein the second XML element does not include child elements and does not include content; wherein placing the first XML element and the second XML element do not affect the well formedness of the XML file.

~~placing a first marker within the word-processor document indicating a start of at least one error selected from a grammar error and a spelling error; wherein the first marker is a first tag that does not contain content; and~~

~~placing a second marker within the word-processor document indicating an end of the at least one error selected from the grammar error and the spelling error; wherein the second marker is a second tag that does not contain content.~~

9 (currently amended): The method of Claim 8, further comprising placing an XML proof state element within the word-processor document.

10 (currently amended): The method of Claim 9, wherein the first XML element, the second XML element, the third XML element, and the fourth XML element are the same type of XML element. ~~wherein placing the first marker and the second marker within the word-processor document, further comprises identifying the first tag as a grammar start tag and the second tag as a grammar end tag when the error is a grammar error.~~

11 (currently amended): The method of Claim 9, wherein the first XML element and the second XML element include an enumeration value that is selected from a spell start enumeration value, a spell end enumeration value; a grammar start enumeration value and a grammar end enumeration value. ~~wherein placing the first marker and the second marker within~~

~~the word processor document, further comprises identifying the first tag as a spelling start tag and the second tag as a spelling end tag when the error is a spelling error.~~

12 (currently amended): The method of Claim 9, wherein placing the XML proof state element within the word-processor document, further comprises indicating when the word-processor document is in a clean state and a dirty state.

13 (currently amended): The method of Claim 12, wherein placing the XML proof state element within the word-processor document, further comprises placing a spelling proof state property.

14 (currently amended): The method of Claim 13, wherein placing the XML proof state element within the word-processor document, further comprises placing a grammar proof state property.

15 (currently amended): A system for indicating errors within a word-processor document, comprising:

a processor; and a memory, the memory being allocated for a plurality of computer-executable instructions which are loaded into the memory for execution by the processor, the computer-executable instructions performing steps comprising: a markup language file output by a word processor that includes a first XML element that includes an opening tag and an ending tag that is placed before the beginning of an XML element that contains an error that is one of a grammar error and a spelling error; wherein the first XML element includes an identifier indicating that it represents the beginning of the error; wherein the first XML element does not include child elements and does not include content; a second XML element that includes an opening tag and an ending tag after the XML element that contains the error; wherein the second XML element includes an identifier indicating that it represents the end of the error; wherein the second XML element does not include child elements and does not include content.

~~a first marker and a second marker indicating a start and an end of at least one error selected from a grammar error and a spelling error; wherein the first marker is a single tag that does not contain content and does not overlap the error and does not overlap other elements within the markup language file and wherein the second marker is a single tag that does not contain content and does not overlap the error and does not overlap other elements within the markup language file; and~~

a validation engine configured to validate the markup language file; and

an application configured to read a markup language file created in accordance with a schema.

16 (currently amended): The system of Claim 15, wherein the first XML element, the second XML element, the third XML element, and the fourth XML element are the same type of XML element. ~~wherein the markup language file is an XML file.~~

17 (currently amended): The system of Claim 16, wherein the markup language file further comprises an XML proof state element.

18 (currently amended): The system of Claim 16, wherein the first XML element and the second XML element include an enumeration value that is selected from a spell start enumeration value, a spell end enumeration value; a grammar start enumeration value and a grammar end enumeration value. ~~wherein the first marker and the second marker identify a grammar error.~~

19 (currently amended): The system of Claim 16, wherein the XML proof state element indicates that the document has been fully checked for at least one of spelling errors and grammar errors, ~~further comprises wherein the first marker and the second marker identify a spelling error.~~

20 (currently amended): The system of Claim 17, wherein the XML proof state element, further comprises a clean state attribute and a dirty state attribute.

21 (currently amended): The system of Claim 20, wherein the XML proof state element further comprises a spelling proof state property and a grammar proof state property.